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Est. #4366

*File m/700*

November 25, 1981

D.D. Parker

M/700 Long Stock  
Purchase Two Turret Heian Machine  
Instead of Single Turret Machine

A new Heian Single Turret N/C Machine is to be purchased to perform the external cuts on the new model BAC Long Stock. A proposal has been made to add use similar operations on M/700 ADL, BDL and Classics to this machine. A single turret machine has an estimated daily capacity of 450 stocks. This machine would be able to make present production schedules but would be overburdened as early as 1983 based on 5 year forecast dated 8-31-81.

Engineering has proposed purchasing a two turret machine instead of the single turret. The two turret machine would double the output and give additional capacity to perform similar operations on the Model 788 stock.

The proposal to perform the external cuts for the 700 ADL, BDL and Classic on the N/C Machine compared to the conventional (8) machine process will yield a gross annual savings of \$44,460 and a 50.6% return on an additional expenditure of \$61,900 for the extra turret. Savings are based on 1982 forecast and on the assumption that the machine can be grouped to provide a full operator assignment.

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Attached